

# Zeta

<http://store.mathusee.com/catalog/math-u-see/general-math/zeta>

## **Students who are ready for Zeta:**

- Can competently add, subtract, multiply, and divide multiple-digit whole numbers
- Can competently add, subtract, multiply, and divide fractions
- Can competently add, subtract, multiply, and divide mixed numbers
- Can determine and apply the operation(s) necessary to solve a word problem with whole numbers or fractions.

## **Concepts and Skills learned in the Epsilon curriculum:**

- Expanding understanding of place value from positive powers of ten to include decimals
- Fluently adding, subtracting, multiplying, and dividing multiple digit decimals using place-value strategies
- Solving real-world problems with decimals and percentages
- Understanding the metric system and converting from one unit of measure to another
- Understanding and simplifying exponents
- Understanding negative numbers and representing them on the coordinate plane
- Using properties of operations to simplify and evaluate algebraic expressions
- Interpreting and graphing relationships between dependent and independent variables
- Understanding of plane geometry & geometric symbols
- Using ratio reasoning to solve problems